



**Report of Activities**  
**on**  
**Hawaii Revised Statutes 103-50**  
**Relating to Accessibility for Persons with**  
**Disabilities**

**July 1, 2003 - June 30, 2004**

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## **I. Overview**

Hawaii Revised Statutes (HRS) 103-50 states that all plans and specifications for the construction of public buildings, facilities, and sites by the State or any county shall be prepared so that the buildings, facilities, and sites are accessible to and usable by persons with disabilities.

Public buildings, facilities, and sites means buildings, facilities and sites that 1) are designed, constructed, purchased or leased with the use of State or county funds; 2) house State or county programs, services, or activities that are intended to be accessed by the general public; or 3) buildings, facilities, or sites to be transferred to the State or a county.

HRS 103-50 states that all agencies of the State and counties shall seek the advice and recommendations from the Disability and Communication Access Board (DCAB) on all plans and specifications to ensure access. The design standards to ensure that all buildings, facilities, and sites are accessible shall conform to the Americans with Disabilities Act Accessibility Guidelines (ADAAG). In addition, DCAB has the authority to adopt or develop design guidelines for items not covered in the ADAAG in order to provide greater accessibility for persons with disabilities.

The Facility Access Unit is responsible for implementing HRS 103-50. The purpose of the Facility Access Unit is to:

- 1) Review all construction documents of the State and counties, e.g., preliminary and final blueprints and specifications, to determine their accessibility and conformance to the ADAAG, and supplementary guidelines and standards established or adopted by the DCAB.
- 2) Provide technical review and input in construction planning efforts in the development phase (e.g., urban or project master plans) of projects to ensure that accessibility is taken into account in the earliest stages of the project to ensure compliance with HRS 103-50.
- 3) Provide technical assistance to the Standing Committee on Facility Access who approves through public hearing, site-specific alternate designs that provide an equal or greater degree of accessibility for buildings, facilities, and sites for persons with disabilities.
- 4) Provide technical assistance to the Standing Committee on Facility Access who issues interpretive opinions on State of Hawaii accessibility design guidelines, as requested, for the purpose of clarifying accessible design requirements for state and county construction projects.
- 5) Provide technical information to design professionals on the requirements of the ADAAG and other relevant design codes through responding to questions on design via faxes or phone inquiries.
- 6) Provide technical assistance (which may include a site survey) to State and county ADA Coordinators to assist in assessing their level of accessibility in leased facilities.
- 7) Assist State and county departments regarding the installation of accessible play equipment and its supporting structures to the play equipment to ensure that the play areas comply with the Accessibility Guidelines for Play Areas.
- 8) Conduct workshops and training sessions for 1) public works personnel, 2) the building and design community, and 3) user agencies on design standards, human factor requirements for persons with disabilities, access laws, and exemplary design.

- 9) Provide policy guidelines to State and local government to recommend adherence to proposed or interim amendments to the Americans with Disabilities Act Accessibility Guidelines.
- 10) As a participant on the AIA Codes Committee, continue efforts to incorporate accessibility design requirements into all applicable county codes and standards, most specifically the County Building Code.

## **II. Document Reviews as Required Under HRS 103-50**

Document reviews of State and county projects form the primary core of the work of the Facility Access Unit staff. The following information is a compilation of document reviews completed by the Facility Access Unit staff for the fiscal years 1994-1995 through 2003-2004.

<b>Fiscal Year</b>	<b>03-04</b>	<b>02-03</b>	<b>01-02</b>	<b>00-01</b>	<b>99-00</b>	<b>98-99</b>	<b>97-98</b>	<b>96-97</b>	<b>95-96</b>	<b>94-95</b>
<b>Total Reviews</b>	<b>1,537</b>	<b>1,285</b>	<b>1,529</b>	<b>1,287</b>	<b>1,045</b>	<b>1,141</b>	<b>998</b>	<b>702</b>	<b>853</b>	<b>1,041</b>
<b>Unduplicated</b>	<b>828</b>	<b>679</b>	<b>831</b>	<b>768</b>	<b>659</b>	<b>672</b>	<b>635</b>	<b>404</b>	<b>504</b>	<b>662</b>
<b>Resubmittals</b>	<b>709</b>	<b>606</b>	<b>698</b>	<b>519</b>	<b>386</b>	<b>469</b>	<b>363</b>	<b>298</b>	<b>349</b>	<b>379</b>

The total number of document reviews for FY 2003-2004 was 1,537. The total number of unduplicated or new submittals was 828. Additionally, 709 project construction documents were resubmittals. The number of document reviews increased significantly compared to FY 2002-2003. The increase in document reviews correlates to the implementation of many State Transition Plan projects.

Further details on the unduplicated (828) document reviews for FY 2003-2004 are reflected in Tables 1, 2, and 3.

- Table 1 indicates the number of unduplicated (828) document reviews by the agency overseeing the project. As indicated in Table 1, the Department of Accounting and General Services (DAGS) submitted the greatest number of projects, followed by the City and County of Honolulu's Department of Design and Construction, State Department of Transportation, and Department of Land and Natural Resources. Most of the State projects were alteration, repair and maintenance, architectural barrier removal, and transition plan projects. The majority of the City and County of Honolulu projects were for curb ramp installations to fulfill the County's transition plan obligations, and public right-of-way projects associated with new commercial and residential developments. The majority of project plans submitted by the Counties of Maui, Hawaii, and Kauai were from the Departments of Public Works and Parks and Recreation.
- Table 2 indicates the number of unduplicated (828) document reviews by type of facility. Public school projects account for the greatest number of document reviews followed by public right-of-way and park projects.
- Table 3 shows the number of the unduplicated (828) document reviews by location or island. All islands experienced an increase in the number of unduplicated document reviews during FY 2003-2004 compared to the previous fiscal year. The Island of Hawaii experienced the greatest relative increase in document reviews of approximately 27%. Oahu and Maui experienced an increase in document reviews of approximately 17% and 12% respectively. Document reviews for the Island of Kauai increased slightly from FY 2002-2003. As expected, the predominant numbers of document reviews were for facilities located on the Island of Oahu.

### **III. Interpretive Opinions and Site Specific Alternate Designs**

Thirteen (13) interpretive opinion requests were received and issued by the Board in FY 2003-2004: 1) DCAB 2003-06 relating to the Fair Housing Act Accessibility Guidelines, 2) DCAB 2003-08 relating to handrail cross sections, 3) DCAB 2004-01 relating to handrail extensions in new construction, 4) DCAB 2004-02 relating to handrail extensions in alterations, 5) DCAB 2004-03 relating to elevator security cages in Judiciary and Correctional Facilities, 6) DCAB 2004-04 relating to outdoor rinsing showers, 7) DCAB 2004-05 relating to surface of a continuous unobstructed path in an outdoor developed area, 8) DCAB 2004-06 relating to cross slope of a designated accessible continuous path in an outdoor developed area, 9) DCAB 2004-07 relating to running slope of a designated accessible continuous path in an outdoor developed area, 10) DCAB 2004-08 relating to toilet stall door location, 11) DCAB 2004-09 relating to ramp thresholds, 12) DCAB 2004-10 relating to signage at an accessible passenger-loading zone, and 13) DCAB 2004-12 relating to door hardware.

No site-specific alternate design requests were received in FY 2003-2004.

### **IV. Training and In-Service Workshops**

The DCAB staff coordinated or conducted the following training and in-service workshops:

- Staff assisted in the coordination of “Understanding the Revised ADAAG,” held on July 8, 2004 at the 2004 Tools for Life: A 21<sup>st</sup> Century Look at Assistive Technology and Services. The speakers were Jim Pecht and Dave Yanchulis from the U.S. Access Board. Within FY 2003-2004 staff’s tasks included coordinating the workshop format with the speakers, creating workshop flyers, coordinating the workshop announcement with construction industry organizations, fielding calls/inquiries regarding the workshop, coordinating with the American Institute of Architects (AIA) to include AIA learning units, coordinating the breakfast and lunch, and coordinating the use of the facility.
- Staff assisted in the coordination of U.S. Access Board “Technical Assistance,” held on July 9, 2004 at the 2004 Tools for Life: A 21<sup>st</sup> Century Look at Assistive Technology and Services. The speakers were Jim Pecht and Dave Yanchulis from the U.S. Access Board. Within FY 2003-2004 staff’s tasks included coordinating the workshop format with the speakers and coordinating the workshop announcement with construction industry organizations.
- Staff assisted in the coordination of “Overview of Fair Housing Design,” held on July 9, 2004 at the 2004 Tools for Life: A 21<sup>st</sup> Century Look at Assistive Technology and Services. The speaker was Philip Zook, architect. Within FY 2003-2004 staff’s tasks included coordinating the speaker’s equipment and location.
- Staff assisted in the coordination of “The Revised ADAAG,” held on July 9, 2004 at the 2004 Tools for Life: A 21<sup>st</sup> Century Look at Assistive Technology and Services. The speakers were Jim Pecht and Dave Yanchulis from the U.S. Access Board. Within FY 2003-2004 staff’s tasks included coordinating the workshop format with the speakers.
- On June 28, 2004, staff conducted a general ADAAG and site survey training session for the Komo Kaulike Project – Work Incentive Grant.

Training activities were decreased in FY 2003-2004 due to staffing shortage.

## **V. Technical Assistance on Design**

The Facility Access Unit provides consultation and technical assistance to design professionals in both the public and private sector in order to provide guidance on how to make buildings and facilities accessible to persons with disabilities.

In FY 2003-2004 the Facility Access Unit fielded approximately 2100 requests for technical assistance in areas concerning the design standards for HRS 103-50, the ADAAG, the Architectural Barriers Act, and the Fair Housing Amendments Act Accessibility Guidelines. Technical assistance was provided primarily through responses to fax and telephone inquiries.

In order to assist the design profession, DCAB completed "Access Bulletin" Number 26, a summary of recent interpretive opinions, and information regarding accessibility issues of importance to the design community and State and county project managers. Additionally, the Facility Access Unit continued updating the "Summary of Interpretive Opinions," which will cover interpretive opinions issued from 1990 through 2004. Publication activities were decreased in FY 2003-2004 due to staffing shortage.

The Facility Access Unit provided technical assistance to the following State and county departments regarding the installation of accessible play equipment and its supporting structures to ensure that the play areas comply with the Accessibility Guidelines for Play Areas: 1) City and County of Honolulu on six (6) of their community park play structures, 2) County of Hawaii on their play equipment at Kurtistown Park, and 3) County of Maui regarding ground surfacing for play equipment and on their play structure at Kalakupua Playground.

## **VI. Site Surveys and Master Plans**

In an effort to provide assistance to agencies in identifying architectural barriers, the Facility Access Unit staff completed the following:

- Reviewed and provided written comment on five (5) master plans to insure that the overall design concept incorporates accessibility requirements: 1) Puu Noa Affordable Housing Master Plan, 2) Wahiawa Botanical Gardens Master Plan, 3) Coconut Island Long Range Development Plan, and 4) James B. Castle High School, Bleachers and Storage Facility. The Puu Noa Affordable Housing Master Plan was reviewed twice in FY 2003-2004.
- Surveyed a total of two (2) facilities for the purpose of assisting State and county agencies in assessing their level of accessibility in government owned, financed, and leased buildings, facilities, and sites. These included the following facilities for the Department of Human Services: 1) Leeward Child Welfare Offices and 2) Waiakamilo Business Center Offices. Survey activities were decreased in FY 2003-2004 due to staffing shortage.

## **VII. Other Activities**

In an effort to further the cause of accessibility in buildings, facilities, and sites and to ensure equal access for persons with disabilities, a number of other activities were conducted. While not directly a component of HRS 103-50, these activities were related to accessibility concerns:

- Met with the Court Monitor for the City and County of Honolulu transition plan on curb ramps to provide technical assistance on proposed standards.

- Attended meetings with the Honolulu Chapter of the AIA Codes Committee to begin amending the International Building Code (IBC) 2003. Provided the City and County of Honolulu, as recommended by the Standing Committee on Facility Access, with a comparison of the 1997 Uniform Building Code Chapter 11, Accessibility and the IBC.
- Developed amendments to Hawaii Administrative Rules Chapters 11-216 and 11-217 to include the Fair Housing Design Guidelines into the HRS 103-50 document review process, signed by the Governor, effective September 2003.
- Provided policy guidelines to the Department of Land and Natural Resources to recommend adherence to proposed or interim amendments to the ADA. Assisted the Department in the scope of consultant projects to follow-up with compliance to the court consent decree, including serving on the advisory panel to select the consultants for two (2) contracts.
- Tracked the development of the revised ADAAG which was released by the U.S. Access Board in July 2004. Staff intends to analyze the revised ADAAG and identify the differences between the revised ADAAG and the currently enforceable ADAAG.

**Table 1**  
**Facilities Reviewed by Project Department**  
**(Unduplicated Count)**  
**FY 2003-2004**

**State of Hawaii**

Department of Accounting and General Services	281
Department of Transportation	97
Department of Land and Natural Resources	71
University of Hawaii at Manoa and Hilo	38
University of Hawaii, Community Colleges	12
Hawaii Community Development Authority	1
Housing and Community Development Corporation of Hawaii	22
Judiciary	2
Hawaii Health Systems Corporation	3
Department of Hawaiian Home Lands	3
Natural Energy Lab of Hawaii	1
Department of Education	5
Department of Business Economic Development and Tourism	3
Sub-Total	539

**City & County of Honolulu**

Department of Transportation Services	14
Board of Water Supply	23
Department of Design and Construction	103
Department of Planning and Permitting	50
Department of Housing	1
Department of Community Services	2
Sub-Total	193

**County of Maui**

Public Works	34
Parks and Recreation	1
Department of Water	1
Wastewater	2
Sub-Total	38

**County of Hawaii**

Public Works	22
Parks and Recreation	13
Housing	1
Department of Water	5
Fire Department	1
Police Department	1
Planning Department	2
Sub-Total	45

**County of Kauai**

Public Works	8
Housing	3
Department of Water	2
Sub-Total	13

<b>TOTAL</b>	<b>828</b>
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**Table 2**  
**Facilities Reviewed by Type of Facility**  
**(Unduplicated Count)**  
**FY 2003-2004**

<b>Facility Type</b>	
Office	56
School - General	264
School - Cafeteria	1
School - Library	1
Library (not at a school)	11
Laboratory/Research Facility	3
Hospital/Medical Care Facility	5
Health Clinic	4
Wastewater or other Treatment Facility	8
Water Pump Station/Water Piping/Water Main/Wells	32
Court	1
Correctional Facility	3
Police Station	1
Fire Station	1
Golf Course/Facility	1
Park/Gym	94
Warehouse/Storage Facility	7
Stadium or Auditorium (not at a school)	3
Trails/Wilderness/Campsite	2
Community/Cultural Center	8
Film Studio	1
Museum	1
Observatory/Facilities	2
Airport Facility	37
Harbor/Boat/Docks	40
Bus or Mass Transit Terminal/Guideway Station	6
Parking/Maintenance Facility	1
Streets/Sidewalk/Mall/Bike Path/Shared Use Path	170
Highways/Tunnels/Bridges	27
Dikes/Dams	2
Housing - Dormitory	1
Housing - Apartment or Condominium = General	16
Housing - Apartment or Condo = Specialized Elderly/Handicapped	4
Housing - Group Home or other Community Care Facilities	3
Housing - Emergency Shelters	1
Housing - Residential	3
Animal Shelter/Zoo	4
Infrastructure (i.e., mass grading, sitework, utilities, drainage)	2
Shopping Complex/Retail	1
<b>TOTAL</b>	<b>828</b>



**Table 3**  
**Facilities Reviewed by Location of Facility**  
**(Unduplicated Count)**  
**FY 2003-2004**

**Facility Location**

Oahu	520
Maui	127
Kauai	48
Hawaii	133
<b>TOTAL</b>	<b>828</b>

**Hawaii State Department of Health  
Disability and Communication Access Board  
919 Ala Moana Blvd., Room 101  
Honolulu, HI 96814  
Phone: (808) 586-8121 (V/TTY)**

We provide access to our activities without regard to race, color, national origin (including language), age, sex, religion, or disability. If you have a concern, write or call the Disability and Communication Access Board or the Department of Health Affirmative Action Officer at P.O. Box 3378, Honolulu, HI 96801-3378, or call 586-4616 (V/TTY) within 180 days of a problem.